

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently amended) A method comprising:

determining a markup-language Web service message at a first network entity usable to invoke a remote procedure call at a second network entity, wherein the Web service message includes a variant portion that changes for repeated invocations of the remote procedure call and an invariant portion that does not change for the repeated invocations of the remote procedure call;

forming a reduced message at [[a]]the first network entity based on at least a variant portion of [[a]]the Web service message; and, the Web service message including a data set targeted for processing on second network entity;

sending the reduced message targeted for the second network entity via a network; and processing the data se to process the remote procedure call at the second network entity based on the reduced message.

2. (Previously presented) The method according to Claim 1, wherein the Web service message comprises a simple object access protocol message.

3. (Currently amended) The method according to Claim 1, wherein forming the reduced message comprises forming reference data based on [[an]]the invariant portion of the Web service message and including the reference data in the reduced message.

4. (Original) The method according to Claim 3, wherein the reference data comprises a binary representation of the invariant portion.

5. (Original) The method according to Claim 3, wherein the reference data comprises a reference to a data store containing criteria for creating a reproduction of the invariant portion.

6. (Original) The method according to Claim 5, wherein the reference to the data store comprises a Universal Resource Identifier (URI).

7. (Currently amended) The method according to Claim 1, wherein ~~processing the data set~~ invoking the remote procedure call at the second network entity based on the reduced message comprises:

forming a reproduction of the Web service message based on the reduced message;
and
processing the reproduction of the Web service message at the second network entity.

8. (Original) The method according to Claim 7, wherein forming the reduced message comprises forming reference data based on an invariant portion of the Web service message and including the reference data in the reduced message.

9. (Original) The method according to Claim 8, wherein forming the reproduction of the Web service message comprises forming the reproduction of the Web service message from a reproduction of the invariant portion of the Web service message.

10. (Currently amended) The method according to Claim ~~[[7]]~~8, wherein the reference data comprises a binary representation of the invariant portion.

11. (Currently amended) The method according to Claim ~~[[7]]~~8, wherein the reference data comprises a reference to a data store containing criteria for creating a reproduction of the invariant portion.

12. (Original) The method according to Claim 11, wherein the reference to the data store comprises a Universal Resource Identifier (URI).

13. (Currently amended) A messaging system, comprising:

a first data processing arrangement configured to determine a markup-language Web service message usable to invoke a remote procedure call via a network, wherein the Web service message includes a variant portion that changes for repeated invocations of the remote procedure call, and an invariant portion that does not change for the repeated invocations of the remote procedure call, the first data processing arrangement further configured to form and coupled to transmit, via the network, a reduced message based on at least [[a]]the variant portion of [[a]]the Web service message, ~~the Web service message defining a set of data targeted for processing on a data processing arrangement;~~

a message processing arrangement coupled to receive the reduced message and transmit a reproduction of the Web service message based on the reduced message; and

a second data processing arrangement coupled to receive the reproduction of the Web service message and process the ~~set of data~~ remote procedure call based on the reproduction of the Web service message.

14. (Previously presented) The messaging system according to Claim 13, wherein the Web service message includes a simple object access protocol message.

15. (Currently amended) The messaging system according to Claim 13, wherein the message processing arrangement includes a third data processing arrangement coupled to the first and second data processing arrangements via [[a]]the network.

16. (Original) The messaging system according to Claim 13, wherein the message processing arrangement includes a message processing module operable on the second data processing arrangement.

17. (Currently amended) A messaging system, comprising:

a first data processor configured to transmit a markup-language Web service message to invoke a remote procedure call via a network, the Web service message including a variant portion that changes for repeated invocations of the remote procedure call, and an invariant portion that does not change for the repeated invocations of the remote procedure call ~~and a data set targeted for processing at one or more data processing means;~~

a message processor configured to receive the Web service message, ~~and transmit form~~ a reduced message based on at least the variant portion of the Web service message, and transmit the message to invoke the remote procedure call;

a second data processor configured to receive the reduced message and process the ~~data set of the Web service message~~ remote procedure call based on the reduced message.

18. (Previously presented) The messaging system according to Claim 17, wherein the Web service message includes a simple object access protocol message.

19. (Currently amended) The messaging system according to Claim 17, wherein the second data processor is further configured to form a reproduction of the Web service message based on the reduced message and transmit the reproduction of the Web service message, the messaging system further comprising a third data processor configured to receive the reproduction of the Web service message and process the ~~data set of the Web service message~~ remote procedure call based on the reproduction of the Web service message.

20. (Previously presented) The messaging system according to Claim 17, further comprising a data storage device having a criteria accessible by the message processor, the criteria used by the message processor to form the reduced message based at least on the variant portion of the Web service message.

21. (Currently amended) An apparatus ~~mobile terminal~~ comprising:

a memory capable of storing at least one of a messaging module and a Web services processing module;

a processor coupled to the memory and configured by the messaging module to:

form an outgoing reduced message[[s]] targeted for a network element based on at least a variant portion[[s]] of a Web service message[[s]] generated at determined by the Web services processing module in response to invoking a remote procedure call via a network, wherein the Web service message includes the variant portion that changes for repeated invocations of the remote procedure call, and an invariant portion that does not change for the repeated invocations of the remote procedure call; and

~~, the processor further configured by the messaging module to~~

form a reproduced Web service message[[s]] targeted for the Web services processing module based on an incoming reduced message[[s]] from the network, wherein the incoming reduced message is formed based on at least an incoming variant portion of an externally determined markup language Web service message determined in response to invoking the remote procedure call, wherein the externally determined Web service message includes the incoming variant portion that changes for repeated invocations of the remote procedure call, and an externally determined invariant portion that does not change for the repeated invocations of the remote procedure call element; and

a transceiver capable of being wirelessly coupled to ~~[[a]]the network that includes the network element~~ and configured to facilitate exchange of the incoming and outgoing reduced messages with ~~the~~ a network element to invoke the remote procedure call.

22. (Currently amended) The apparatus ~~mobile terminal~~ according to Claim 21, wherein the Web service messages include simple object access protocol messages.

23. (Currently amended) A computer-readable medium having instructions stored thereon which are executable by ~~a mobile terminal~~ by an apparatus for performing operations comprising:

determining a markup-language Web service message at a first network entity usable to invoke a remote procedure call at a second network entity, wherein the Web service message includes a variant portion that changes for repeated invocations of the remote procedure call and an invariant portion that does not change for the repeated invocations of the remote procedure call;

forming a reduced message at ~~[[a]]the~~ first network entity based on at least a variant portion of ~~[[a]]the~~ Web service message, ~~the Web service message including a data set targeted for processing on second network entity;~~

sending the reduced message targeted for the remote data processing arrangement;
and

receiving a response message from the remote data processing arrangement in response to an invocation of the remote procedure call based on the reduced message.

24. (Currently amended) The computer readable medium according to Claim 23, wherein the response message comprises a reduced response message based on at least a variant portion of a Web service response message generated by the remote data processing arrangement, wherein the variant portion of the Web service response message changes for the repeated invocations of the remote procedure call.

25. (Previously presented) The computer readable medium according to Claim 24, wherein the operations further comprise:

forming a reproduction of the Web service response message based on the reduced response message; and

processing the reproduction of the Web service response message.

26. (Previously presented) The computer readable medium according to Claim 23, wherein the Web service message comprises a simple object access protocol message.

27. (Currently amended) An apparatus server, comprising:

a network interface capable of communicating via a network;
a processor coupled to the network interface; and
memory coupled to the processor and having instructions that cause the processor

to:

receive a reduced message via the network based on at least a variant portion of a Web service message originating from a first terminal and targeted ~~for~~ to invoke a remote procedure call at a second terminal, wherein the Web service message includes the variant portion that changes for repeated invocations of the remote procedure call, and an invariant portion that does not change for the repeated invocations of the remote procedure call;

form a reproduction of the Web service message based on the reduced message; and

send the reproduction of the Web service message to the second terminal via the network to invoke the remote procedure call.

28. (Currently amended) The apparatus server according to Claim 27, wherein the instructions further cause the processor to access a data store containing criteria for forming the reproduction of the Web service message based on the reduced message.

29. (Currently amended) The apparatus server according to Claim 27, wherein the Web service message comprises a simple object access protocol message.

30. (Currently amended) An apparatus ~~mobile terminal~~ comprising:

means for forming an outgoing reduced message[[s]] ~~targeted for a network element~~ based on at least a variant portion[[s]] of a markup language Web service message[[s]]

generated determined at the mobile terminal in response to invoking a remote procedure call via a network, wherein the Web service message includes the variant portion that changes for repeated invocations of the remote procedure call, and an invariant portion that does not change for the repeated invocations of the remote procedure call;

means for forming a reproduced Web service message[[s]] based on incoming reduced messages from the network element, wherein the incoming reduced message is formed based on at least an incoming variant portion of an externally determined markup language Web service message generated in response to invoking the remote procedure call, wherein the externally determined Web service message includes the incoming variant portion that changes for the repeated invocations of the remote procedure call, and an externally determined invariant portion that does not change for the repeated invocations of the remote procedure call;

means for processing the reproduced Web service messages; and

means for facilitating exchange of the incoming and outgoing reduced messages with ~~the~~ a network element to invoke the remote procedure call.

31. (Currently amended) The apparatus ~~terminal~~ of Claim 30, wherein the Web service messages include simple object access protocol messages.

32. (New). The apparatus of Claim 21, wherein the apparatus comprises a mobile terminal.

33. (New) The apparatus of Claim 27, wherein the apparatus comprises a server.

34. (New) The apparatus of Claim 30, wherein the apparatus comprises a mobile terminal.